

GenCore version 4.5  
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OM nucleic - nucleic search, using sw model

Run on: March 9, 2002, 00:54:10 ; Search time 319.49 seconds

(without alignments)  
17.722 Million cell updates/sec

Title: US-09-851-670-17

Perfect score: 25

Sequence: 1 ctccaacttggaatcagcgtaacaca 25

Scoring table: IDENTITY\_NUC

Gapop 10.0 , Gapext 1.0

Searched: 351203 seqs, 113238999 residues

Total number of hits satisfying chosen parameters: 515962

Minimum DB seq length: 0

Maximum DB seq length: 60

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued\_Patents\_NA:\*

1: /cgn2\_6/ptodata/2/ina/5A.COMB.seq:\*

2: /cgn2\_6/ptodata/2/ina/5B.COMB.seq:\*

3: /cgn2\_6/ptodata/2/ina/6A.COMB.seq:\*

4: /cgn2\_6/ptodata/2/ina/6B.COMB.seq:\*

5: /cgn2\_6/ptodata/2/ina/PCITUS.COMB.seq:\*

6: /cgn2\_6/ptodata/2/ina/Backfile1.seq:\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match Length	ID	Description
1	15.6	62.4	41 4	US-08-235-836C-102 Sequence 102, App
2	14.4	57.6	39 3	US-08-479-744A-32 Sequence 32, Appl
3	14.4	57.6	39 3	US-08-280-757B-32 Sequence 32, Appl
4	14.2	56.8	42 1	US-08-437-538-13 Sequence 13, Appl
5	14	56.0	50 2	US-08-244-434-23 Sequence 23, Appl
6	13.8	55.2	56 2	US-08-244-434-22 Sequence 22, Appl
7	13.8	55.2	58 4	US-08-952-793-245 Sequence 245, App
8	13.8	55.2	58 4	PCT-US96-09455A-245 Sequence 245, App
9	13.4	53.6	40 2	US-08-244-434-21 Sequence 21, Appl
10	13.4	53.6	50 2	US-08-244-434-29 Sequence 29, Appl
11	13.4	53.6	51 2	US-08-244-434-30 Sequence 30, Appl
12	13.4	53.6	52 2	US-08-244-434-27 Sequence 27, Appl
13	13.4	53.6	53 2	US-08-244-434-25 Sequence 25, Appl
14	13.4	53.6	56 2	US-08-244-434-20 Sequence 20, Appl
15	13.4	53.6	57 2	US-08-244-434-18 Sequence 18, Appl
16	13	52.0	27 6	5354656-10 Patent No. 5354656
17	13	52.0	28 6	5354656-9 Patent No. 5354656
18	13	52.0	30 1	US-08-205-507-17 Sequence 17, Appl
19	13	52.0	30 1	US-08-371-986-24 Sequence 24, Appl
20	13	52.0	30 1	US-08-509-858-9 Sequence 9, Appl
21	13	52.0	30 3	US-09-006-597-3 Sequence 3, Appl
22	13	52.0	30 3	US-09-006-597-4 Sequence 4, Appl
23	13	52.0	30 3	US-09-006-587-7 Sequence 7, Appl
24	13	52.0	31 2	US-08-692-787-24 Sequence 24, Appl
25	13	52.0	47 3	US-09-006-597-2 Patent No. 5354656
26	13	52.0	52 6	5354656-8 Patent No. 5354656
27	13	52.0	53 6	5354656-7 Patent No. 5354656

28	13	52.0	54 6	5354656-6 Patent No. 5354656
29	13	52.0	55 6	5354656-5 Patent No. 5354656
30	13	52.0	56 6	5354656-4 Patent No. 5354656
31	13	52.0	57 6	5354656-3 Patent No. 5354656
32	13	52.0	58 6	5354656-2 Patent No. 5354656
33	12.8	51.2	30 1	US-07-696-793A-45 Sequence 45, Appl
34	12.8	51.2	30 1	US-07-977-694-45 Sequence 45, Appl
35	12.8	51.2	30 1	US-08-255-264-22 Sequence 22, Appl
36	12.6	50.4	35 2	US-08-244-434-24 Sequence 24, Appl
37	12.6	50.4	37 2	US-09-028-361A-17 Sequence 17, Appl
38	12.4	49.6	21 1	US-08-635-309-12 Sequence 12, Appl
39	12.4	49.6	23 1	US-08-513-764-13 Sequence 13, Appl
40	12.4	49.6	24 1	US-08-599-252-55 Sequence 55, Appl
41	12.4	49.6	24 5	PCT-US96-06352-55 Sequence 55, Appl
42	12.4	49.6	24 5	PCT-US96-06583-55 Sequence 55, Appl
43	12.4	49.6	25 3	US-08-642-807A-15 Sequence 15, Appl
44	12.4	49.6	25 4	US-09-311-260-41 Sequence 41, Appl
45	12.4	49.6	25 5	PCT-US91-08737-2 Sequence 2, Appl

## ALIGNMENTS

RESULT 1  
US-08-235-836C-102/c  
Sequence 102, Application US/08235836C  
Patent No. 6248562  
GENERAL INFORMATION:  
APPLICANT: Dunn, John J.  
APPLICANT: Luft, Benjamin J.  
TITLE OF INVENTION: No. 6248562el Chimeric Proteins Comprising  
NUMBER OF INVENTION: Botrelia Polypeptides and Uses Therefor  
NUMBER OF SEQUENCES: 144  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Brookhaven National Laboratory  
STREET:  
CITY: Upton  
STATE: NY  
COUNTRY: USA  
ZIP: 11973  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/235,836C  
FILING DATE: 29-APR-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/148,191  
FILING DATE: 01-11-93  
ATTORNEY/AGENT INFORMATION:  
NAME: Bogosian, Margaret C.  
REGISTRATION NUMBER: 25,324  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (516) 282-7338  
TELEFAX: (516) 282-3729  
INFORMATION FOR SEQ ID NO: 102:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 41 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
US-08-235-836C-102

Query Match 62.4%; Score 15.6; DB 4; Length 41;  
Best Local Similarity 81.8%; Pred. No. 31;  
Matches 18; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 1 ctccaacttggaatcagcgtaac 22

Db 34 CTCGACGTTGAGATCAGACTTCTC 13

## RESULT 2

US-08-479-744A-32  
; Sequence 32, Application US/08479744A  
; Patent No. 6084067  
; GENERAL INFORMATION:  
; APPLICANT: Freeman, Gordon J.  
; APPLICANT: Nadler, Lee M.  
; APPLICANT: Gray, Gary S.  
; TITLE OF INVENTION: No. 6084067el CTLA4/CD28 ligands and  
; TITLE OF INVENTION: Uses therefor  
; NUMBER OF SEQUENCES: 35  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: LAHIVE & COCKFIELD, LLP  
; STREET: 60 State Street  
; CITY: Boston  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02109  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/479,744A  
; FILING DATE: June 7, 1995  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/280,757  
; FILING DATE: 26-JUL-1994  
; APPLICATION NUMBER: 08/109,393  
; FILING DATE: 28-AUG-1993  
; APPLICATION NUMBER: 08/101,624  
; FILING DATE: 26-JULY-1993  
; APPLICATION NUMBER: 08/147,773  
; FILING DATE: 3-NOV-1993  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Mandragouras, Amy E.  
; REGISTRATION NUMBER: 36,207  
; REFERENCE/DOCKET NUMBER: RPI-004CP3  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (617) 227-7400  
; TELEFAX: (617) 227-5941  
; INFORMATION FOR SEQ ID NO: 32:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 39 base pairs  
; TYPE: nucleic acid  
; STRANDEDNESS: single  
; TOPOLOGY: linear  
; MOLECULE TYPE: oligonucleotide  
; US-08-479-744A-32

Query Match 57.6%; Score 14.4; DB 3; Length 39;  
Best Local Similarity 75.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 CTCGACGTTGAGATCAGACTTCTC 24  
Db 11 CTCGACGTTGAGATCAGACTTCTC 34

## RESULT 3

US-08-280-757B-32  
; Sequence 32, Application US/08280757B  
; Patent No. 6130316  
; GENERAL INFORMATION:  
; APPLICANT: Freeman, Gordon J.  
; APPLICANT: Nadler, Lee M.

APPLICANT: Gray, Gary S.  
APPLICANT: Greenfield, Edward  
TITLE OF INVENTION: No. 6130316el CTLA4/CD28 ligands and  
TITLE OF INVENTION: Uses therefor  
NUMBER OF SEQUENCES: 53  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: LAHIVE & COCKFIELD  
STREET: 60 State Street, Suite 510  
CITY: Boston  
STATE: Massachusetts  
COUNTRY: USA  
ZIP: 02109

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/280,757B  
FILING DATE: 26-JUL-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/101,624  
FILING DATE: 26-JULY-1993  
APPLICATION NUMBER: 08/109,393  
FILING DATE: 19-AUG-1993  
APPLICATION NUMBER: 08/147,773  
FILING DATE: 3-NOV-1993  
ATTORNEY/AGENT INFORMATION:  
NAME: Mandragouras, Amy E.  
REGISTRATION NUMBER: 36,207  
REFERENCE/DOCKET NUMBER: RPI-004CP2  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 227-7400  
TELEFAX: (617) 227-5941  
INFORMATION FOR SEQ ID NO: 32:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 39 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-280-757B-32

Query Match 57.6%; Score 14.4; DB 3; Length 39;  
Best Local Similarity 75.0%; Pred. No. 1.2e+02;  
Matches 18; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 1 CTCGACGTTGAGATCAGACTTCTC 24  
Db 11 CTCGACGTTGAGATCAGACTTCTC 34

## RESULT 4

US-08-437-538-13/C  
; Sequence 13, Application US/08437538  
; Patent No. 5648245  
; GENERAL INFORMATION:  
; APPLICANT: FIRE, ANDREW Z.  
; APPLICANT: XU, SI-OUN  
; TITLE OF INVENTION: A METHOD FOR CONSTRUCTING AN  
; TITLE OF INVENTION: OLIGONUCLEOTIDE CONCATAMER LIBRARY BY ROLLING CIRCLE  
; NUMBER OF SEQUENCES: 30  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: CUSHMAN DARBY & CUSHMAN, L.L.P.  
; STREET: 1100 NEW YORK AVE., N.W.  
; CITY: WASHINGTON  
; STATE: D.C.  
; COUNTRY: USA  
; ZIP: 20005-3918  
; COMPUTER READABLE FORM:

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/437,538  
FILING DATE: 09-MAY-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: PICCIANO, DANTE  
REGISTRATION NUMBER: 33543  
REFERENCE/DOCKET NUMBER: 1220/218525  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 202-861-3000  
TELEFAX: 202-822-0944  
TELEX: 6714627 CUSH  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 42 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: single  
TOPOLOGY: linear  
MOLECULE TYPE: DNA (genomic)  
US-08-437-538-13

Query Match 56.8%; Score 14.2; DB 1; Length 42;  
Best Local Similarity 84.2%; Pred. No. 1.6e+02;  
Matches 16; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

OY 1 ctcacattggaatcacg 19  
||| ||||| ||||| |||||  
DB 24 CTCACATTGGAACTACGG 6

RESULT 5  
US-08-244-434-23  
Sequence 23, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czerlilofsky, A.P.  
APPLICANT: Himmel, A.  
APPLICANT: Stratowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lamche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
Modulating a Receptor-Dependent Cellular Signal  
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893

REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 23:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 50 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-23

Query Match 56.0%; Score 14; DB 2; Length 50;  
Best Local Similarity 77.3%; Pred. No. 2e+02;  
Matches 17; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

OY 4 caacttggaatcacgtacaca 25  
||| ||||| ||||| |||||  
DB 2 CGACTTGAATCAGGCTTACA 23

RESULT 6  
US-08-244-434-22/c  
Sequence 22, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czerlilofsky, A.P.  
APPLICANT: Himmel, A.  
APPLICANT: Stratowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lamche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
Modulating a Receptor-Dependent Cellular Signal  
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2600  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 22:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 56 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-22

[illegible]

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QY      1 ctccaactlgyaatcacgyltacaca 25
        | : | | : | | | | | | |
Db      6 CUAGAGCUUCGAACCAUGGUUAUCA 30
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RESULT 8  
PCT-US96-09455A-245  
; Sequence 245, Application PC/TUS9609455A  
GENERAL INFORMATION.

PCT-US96-09455A-245  
; Sequence 245, Application PC/TUS9609455A  
: GENERAL INFORMATION:

APPLICANT: PARMA, et al.

TITLE OF INVENTION:	TITLE OF INVENTION:
HIGH AFFINITY NOCCELEIC ACID	LIGANDS TO LECTINS

NUMBER OF SEQUENCES: 390

NUMBER OF SEQUENCES: 390  
CORRESPONDENCE ADDRESS:

STREET: 8400 E. Prentice Avenue, Suite 2000

CITY: Englewood

STATE: COLORADO  
COUNTRY: USA

ZIP: 80111

COMPUTER REAL

MEDIUM TYPE: Diskette, 3 1/2 diskette, 1.44 MB  
COMPILED: TBM 25 000004h10

COMPIER: IBM PC COMPATIBLE  
OPERATING SYSTEM: MS-DOS

**SOFTWARE:** WordPerfect 6.0

```
; CURRENT APPLICATION DATA:
```

APPLICATION NUMBER: PCY/US96/0  
FILING DATE: 05 JUNE 1996

CLASSIFICATION:

PRIOR APPLICATION DATA:

APPLICANT NUMBER: 08/4/9,724  
FILING DATE: 07-JUNE-1995

PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/472,256

FILING DATE: 07-JUNE-1995  
PRIOR APPLICATION DATA:

APPLICATION NUMBER: 08/472,255

FILING DATE: 07-JUNE-1995

PRIOR APPLICATION DATA: 08/477 830

APPLICATION NUMBER: 08/411,023  
FILING DATE: 07-JUNE-1995

ATTORNEY/AGENT INFORMATION:

NAME: Barry J. Swanson  
REGISTRATION NUMBER: 33 315

REGISTRATION NUMBER: 33,215  
REFERENCE/DOCKET NUMBER: NEX40

TELECOMMUNICATION INFORMATION:

TELEPHONE: (303) 793-3333

TELEFAX: (303) 793-3433  
INFORMATION FOR SED ID NO: 245:

SEQUENCE CHARACTERISTICS:

LENGTH: 58 base pairs

STRANDEDNESS: single

TOPOLOGY: linear

MOLECULE TYPE: RNA

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FEATURE: 211 C/C 220
OTHER INFORMATION:

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OTHER INFORMATION: ALL C'S ARE

OTHER INFORMATION: ALL U's are

PCT-US96-09455A-245

Query match	Score
55.28;	

Best Local Similarity 56.0%; Pred

1 ctccaacttggaaatcacggtacaca 25  
 | : | : : | | | | | | |  
 6 cuagagcucgaaaccaugguauaca 30

```

RESULT 9
US-08-244-434-21/C
; Sequence 21, Application US/08244434
; Patent No. 5854004
; GENERAL INFORMATION:
; APPLICANT: Czerulofsky, A.P.
; APPLICANT: Himmler, A.
; APPLICANT: Stralowa, C.
; APPLICANT: Weyer, U.
; APPLICANT: Lamche, H.
; APPLICANT: Sch fer, R.
; TITLE OF INVENTION: Process for Screening Substances Capable of
; TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
; TITLE OF INVENTION: Transmission Path
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,434
; FILING DATE: 25-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/92/02718
; FILING DATE: PCT Filing Date: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 21:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 40 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-244-434-21

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Query Match 53.6%; Score 13.4; DB 2; Length 40;
Best Local Similarity 73.9%; Pred. No. 4e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaactggatcacggtacaca 25
    ||| | ||||| |||
Db 40 CTAAGCTTGAAATCAGGCTCTACA 18

RESULT 10
US-08-244-434-29
; Sequence 29, Application US/08244434
; Patent No. 5854004
; GENERAL INFORMATION:
; APPLICANT: Czerulofsky, A.P.
; APPLICANT: Himmler, A.
; APPLICANT: Stralowa, C.
; APPLICANT: Weyer, U.
; APPLICANT: Lamche, H.
; APPLICANT: Sch fer, R.

```

```

; TITLE OF INVENTION: Process for Screening Substances Capable of
; TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
; TITLE OF INVENTION: Transmission Path
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/244,434
; FILING DATE: 25-MAY-1994
; CLASSIFICATION: 435
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: PCT/92/02718
; FILING DATE: PCT Filing Date: 25-NOV-1992
; CLASSIFICATION: 435
; ATTORNEY/AGENT INFORMATION:
; NAME: Esmond, Robert W.
; REGISTRATION NUMBER: 32,893
; REFERENCE/DOCKET NUMBER: 0652.1340000/RWE
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (202) 371-2600
; TELEFAX: (202) 371-2540
; INFORMATION FOR SEQ ID NO: 29:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 50 base pairs
; TYPE: nucleic acid
; STRANDEDNESS: both
; TOPOLOGY: linear
; MOLECULE TYPE: oligonucleotide
US-08-244-434-29

```

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Query Match 53.6%; Score 13.4; DB 2; Length 50;
Best Local Similarity 73.9%; Pred. No. 4.1e+02;
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaactggatcacggtacaca 25
    ||| | ||||| |||
Db 6 CTAAGCTTGAAATCAGGCTCTACA 28

RESULT 11
US-08-244-434-30/C
; Sequence 30, Application US/08244434
; Patent No. 5854004
; GENERAL INFORMATION:
; APPLICANT: Czerulofsky, A.P.
; APPLICANT: Himmler, A.
; APPLICANT: Stralowa, C.
; APPLICANT: Weyer, U.
; APPLICANT: Lamche, H.
; APPLICANT: Sch fer, R.
; TITLE OF INVENTION: Process for Screening Substances Capable of
; TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal
; TITLE OF INVENTION: Transmission Path
; NUMBER OF SEQUENCES: 37
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Sterne, Kessler, Goldstein & Fox
; STREET: 1100 New York Avenue, Suite 600
; CITY: Washington
; STATE: D.C.
; COUNTRY: U.S.A.
; ZIP: 20005
; COMPUTER READABLE FORM:

```

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 30:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 51 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-30

Query Match 53.6%; Score 13.4; DB 2; Length 51;  
Best Local Similarity 73.9%; Pred. No. 4.1e+02;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaacttggaatcacgtacaca 25  
DB 47 CTAAGCTTGATCAGCGTCTACA 25

RESULT 12  
US-08-244-434-27/c  
Sequence 27, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czernilofsky, A.P.  
APPLICANT: Himmler, A.  
APPLICANT: Stratowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lamche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal  
NUMBER OF SEQUENCES: 37  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435

MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 27:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 52 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-27

Query Match 53.6%; Score 13.4; DB 2; Length 52;  
Best Local Similarity 73.9%; Pred. No. 4.1e+02;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 ccaacttggaatcacgtacaca 25  
DB 52 CTAAGCTTGATCAGCGTCTACA 30

RESULT 13  
US-08-244-434-25/c  
Sequence 25, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czernilofsky, A.P.  
APPLICANT: Himmler, A.  
APPLICANT: Stratowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lamche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
TITLE OF INVENTION: Modulating a Receptor-Dependent Cellular Signal  
NUMBER OF SEQUENCES: 37  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmond, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 25:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 53 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both

TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-25

Query Match 53.6%; Score 13.4; DB 2; Length 53;  
Best Local Similarity 73.9%; Pred. No. 4.1e+02;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

OY 3 ccaactggaatcacggtacaca 25  
||| | ||||| |||  
Db 49 CTAAGCTTGATCAGGCTCTACA 27

RESULT 14  
US-08-244-434-20  
Sequence 20, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czerulofsky, A.P.  
APPLICANT: Himmler, A.  
APPLICANT: Stralowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lanche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
Modulating a Receptor-Dependent Cellular Signal  
TITLE OF INVENTION: Transmission Path  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmund, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 20:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 56 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-20

Query Match 53.6%; Score 13.4; DB 2; Length 56;  
Best Local Similarity 73.9%; Pred. No. 4.2e+02;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
OY 3 ccaactggaatcacggtacaca 25  
||| | ||||| |||  
Db 5 CTAAGCTTGATCAGGCTCTACA 27

RESULT 15  
US-08-244-434-18/C  
Sequence 18, Application US/08244434  
Patent No. 5854004  
GENERAL INFORMATION:  
APPLICANT: Czerulofsky, A.P.  
APPLICANT: Himmler, A.  
APPLICANT: Stralowa, C.  
APPLICANT: Weyer, U.  
APPLICANT: Lanche, H.  
APPLICANT: Sch fer, R.  
TITLE OF INVENTION: Process for Screening Substances Capable of  
Modulating a Receptor-Dependent Cellular Signal  
TITLE OF INVENTION: Transmission Path  
NUMBER OF SEQUENCES: 37  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Sterne, Kessler, Goldstein & Fox  
STREET: 1100 New York Avenue, Suite 600  
CITY: Washington  
STATE: D.C.  
COUNTRY: U.S.A.  
ZIP: 20005  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patentin Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/244,434  
FILING DATE: 25-MAY-1994  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/92/02718  
FILING DATE: PCT Filing Date: 25-NOV-1992  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Esmund, Robert W.  
REGISTRATION NUMBER: 32,893  
REFERENCE/DOCKET NUMBER: 0652.1340000/RWE  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (202) 371-2540  
TELEFAX: (202) 371-2540  
INFORMATION FOR SEQ ID NO: 18:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 57 base pairs  
TYPE: nucleic acid  
STRANDEDNESS: both  
TOPOLOGY: linear  
MOLECULE TYPE: oligonucleotide  
US-08-244-434-18

Query Match 53.6%; Score 13.4; DB 2; Length 57;  
Best Local Similarity 73.9%; Pred. No. 4.2e+02;  
Matches 17; Conservative 0; Mismatches 6; Indels 0; Gaps 0;  
OY 3 ccaactggaatcacggtacaca 25  
||| | ||||| |||  
Db 49 CTAAGCTTGATCAGGCTCTACA 27

Search completed: March 9, 2002, 00:54:11  
Job time: 11362 sec

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